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The role of Lipocalin 2 in Alzheimer's disease and depression

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The role of Lipocalin 2 in Alzheimer's disease and depression

Petrus Johan Wichardt Naudé

1. A healthy functional immune system and optimal brain functioning goes hand in hand.
2. Depression is an immunological disease.
3. Lipocalin 2 is a pathophysiological element in Alzheimer's disease.
4. Increased circulating Lipocalin 2 levels are closely associated with symptoms of depression.
5. Lipocalin 2 is a marker of frailty for cardiovascular disease and compromised neuronal health.
6. There is no thing such as permanent in the brain.
7. The brain is in charge of cognition and mood, according to the brain. However, the immune system takes the reins when illness strikes.
8. Most if not all diseases can be cured via specific modulation of the immune system.
9. Doing a PhD will cause a significant increase in circulating Lipocalin 2 levels, some time or another (see stelling 4).
10. "Serendipidy" is a researchers' ally and "Murphy's law" a researchers' enemy.
11. Afrikaans speaking South Africans are referred to as "Dutchman" by the English speaking South Africans. As an Afrikaans speaking person, I can assure you that these people have no idea what they are talking about.